

Date: Thu, 1 Sep 94 04:30:12 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #982  
To: Info-Hams

Info-Hams Digest                    Thu, 1 Sep 94                    Volume 94 : Issue 982

Today's Topics:

Are ordinary batteries chargeable?  
IC-R71A Sensitivity Problem ? Help!  
I could use a Beverage  
Is the moon reflective of radio waves?  
Ten-Ten Number - where to get one?  
Thanks, ARRL

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 31 Aug 1994 03:21:09 GMT  
From: ihnp4.ucsd.edu!munnari.oz.au!yarrina.connect.com.au!  
harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!alsvid.scu.edu.au!  
news@network.ucsd.edu  
Subject: Are ordinary batteries chargeable?  
To: info-hams@ucsd.edu

The "Intelligent Chargers" I have seen, I have noted they  
have no power cord. Thus I am led to believe that they  
are not in fact "Chargers" but purely condition the battery  
to obtain a longer useful life.

Anyone out there who has purchased one of these  
please inform if this is the case.

-----> Josh Mayo.

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Date: 31 Aug 94 22:25:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: IC-R71A Sensitivity Problem ? Help!  
To: info-hams@ucsd.edu

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I have an Icom R-71A (secondhand) whose sensitivity rolls off about 12 dB from 14 to 30 MHz. Checks of the front end switched filters indicate everything is ok with no unusual losses. However, in looking at the LO injection voltage to the first mixer, the 22-30 MHz VCO range drops off dramatically in output when going up in frequency, like a 10 to 1 drop.

This does not occur over the rest of the tuning range.

The VCO in the synthesizer is a JFET followed by two bipolars, which appear to just be wideband amplifiers. All the VCO and amplifier DC bias voltages seem normal according to values in the tech manual.

Has anyone else seen this in an R-71A? Is there a known fix for this?

Please reply direct to "johnk@ATK.COM" or to the net. Thanks.

73 John WB4LNM

NNNN

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Date: Wed, 31 Aug 1994 01:09:46 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!  
panix!ddsw1!redstone.interpath.net!news.sprintlink.net!demon!betanews.demon.net!  
news@network.ucsd.edu  
Subject: I could use a Beverage  
To: info-hams@ucsd.edu

In article <33pn2p\$s97@rigel.infinet.com>, W. E. Van Horne writes:

> For transmitting, you want the maximum signal strength. For receiving,  
> you want the maximum SIGNAL TO NOISE ratio. At high frequencies <30 Mhz  
> modern receivers provide noise figures well below the level of natural  
> QRN, so you can always amplify received signals as much as necessary to  
> provide audible signals, no matter how weak they are, if the signal to  
> noise ratio is adequate. Beverage antennas deliver low signal strength,

> but even lower noise, so are superior for receiving.  
>  
> 73, Van - W8UOF

You cannot always amplify received signals as much as necessary to improve audible signals.

Often on our AM band dxpeditions using Beverages, we are limited by atmospheric noise, the level of which is dependent on the K index at that time. Some mornings the noise level is high, and signals get drowned out, other days the noise is almost non-existent, and even very low signal strengths make it through.

Just for info, we use 500 metre long beverages, aerial impedance transformers, tuned pre-amps giving just over 30dB variable gain, and Drake R7's or NRD 535's.

73, Mark Hattam G4KGA mark@dxradio.demon.co.uk World DX Club

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Date: 31 Aug 1994 03:59 PST  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!  
unixg.ubc.ca!reg.triumf.ca!asnd@network.ucsd.edu  
Subject: Is the moon reflective of radio waves?  
To: info-hams@ucsd.edu

In article <3313kp\$187q@ns2.CC.Lehigh.EDU> x011@ns2.CC.Lehigh.EDU writes:  
>Is the moon reflective enough of radio waves to use it as a reflective radio  
>telescope?

My question is: Is the moon REFRACTIVE (and homogeneous) enough  
to use as a lens for an ultra-long-wavelength telescope?

Donald Arseneau asnd@reg.triumf.ca

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Date: 30 Aug 1994 23:34:21 -0700  
From: nntp.crl.com!crl4.crl.com!not-for-mail@decwrl.dec.com  
Subject: Ten-Ten Number - where to get one?  
To: info-hams@ucsd.edu

In article <340d9i\$5hs@uucp.intac.com>, forbes@intac.com (Thom Forbes)  
wrote:

> Can anyone tell me how to enroll in the Ten-Ten Club?

The Area Manager for Area 2 (assuming you live in area 2) is:

Larry Berger, WA2SUH  
9 Nancy Blvd  
Merrick, NY 11566

Include:

Contact info (log data) from ten 10-x members, including date/time, frequency, their call sign, name, QTH and 10-10 number.

\$7.00 annual dues, check/MO made out to "10-10 International Net, Inc"

Or, you can receive the 10-10 Information Manual, for \$1.00 and a return address label (no SASE) to:

Mike Elliot, KF7ZQ  
10-10 Information Manager  
9832 W. Gurdon Court  
Boise, ID 83704

Lou

Correspondents NOTE: Inbound mail bundle of 27 Aug 94 was munged.

Please Resend your mail if it was sent on or about this date.

-----Usual Disclaimers Apply-----

Internet: lgenco@crl.com Lou.Genco@LChance.sat.tx.us  
Ham Radio Packet: N5SGL @ K3WGF.#SAT.TX.USA tcp/ip: n5sgl@sat.ampr.org

Date: Wed, 31 Aug 1994 14:59:24 GMT  
From: psinntp!arrl.org!ehare@uunet.uu.net  
Subject: Thanks, ARRL  
To: info-hams@ucsd.edu

Jeffrey Herman (jeffrey@kahuna.tmc.edu) wrote:

: And an even bigger thank-you to the ARRL for their great email file.  
: If you want to see what's in this goldmine of info send an email to:  
: info@arrl.org

Thanks, Jeff. It sometimes gets discouraging to work a 70-hour week (paid only for 37.5 of them) and then get here in the morning and see some of the usenet participants trash us for our imperfections. (OF COURSE we have a few, just like anyone else.) I don't mind constructive criticism, but it is really more useful and constructive if it is not made into a personal

attack. It should come as no surprise that we appreciate an occasional compliment, too. :-)

Sadly, I often see that we are being criticized for not doing something we already do, or for doing something that we don't do; I have done my best to find time in an already busy day to offer the occasional clarifying information. Even more sadly, I have seen us criticized \*appropriately\* on this forum \*instead\* of having the "constructive criticism" directed to the appropriate staff or to your Division Director who \*can\* change League policy.

I encourage all rec.radio.amateur participants to make your views known to your Division Director, by mail, email, telephone or in person at his or her many appearances at conventions, hamfests and club meetings! The info@arrl.org files have a list of HQ and ARRL officers email addresses, postal mail addresses, telephone numbers, etc. See also page 8 of QST. This forum has produced many excellent ideas and a wide spectrum of amateur community opinion. If it worth saying it is worth saying to the ARRL Division Directors, too. All of the Directors I have met feel that they would like to hear more from the silent majority, so their policy decisions can be made based on a wider range of opinion.

The ARRL does a lot of important things for Amateur Radio and offers a substantial array of membership benefits. (Ask info@arrl.org to send the services.txt file!) You may agree, or disagree, with some of the policy decisions made over the years, but the bottom-line question is "Is ARRL doing \*anything\* I consider important to Amateur Radio?" If so, support it, and use that support as a platform to change those things you believe we should do differently.

Anyhow, I don't want to blather on endlessly. Now that I have a bit more time (after preparing for my 6-hour EMC Seminar), folks should see a bit more of me here. :-)

73 from ARRL HQ, Ed

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: and only write
: INDEX
: QUIT
: and within a few minutes you'll receive the index of all their
: available files.
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: Jeff NH6IL
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Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111  
203-666-1541 ehare@arrl.org

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Date: 31 Aug 1994 14:41:55 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!convex!iphase.com!  
wes@network.ucsd.edu  
To: info-hams@ucsd.edu

References <3313kp\$187q@ns2.CC.Lehigh.EDU>, <wa2iseCv8A6x.H3H@netcom.com>, <31AUG199403591589@reg.triumf.ca>  
Subject : Re: Is the moon reflective of radio waves?

I think you will find the noise generated by the reflection of energy from the sun far greater than any energy reflected from any radio sources from deep space. The temperature of the Moon is in the area of 200 to 225 Kelvin. Temperatures of the strongest radio sources, other than the sun, are much less than that. I do not have a listing here at work to give hard numbers for other radio sources.

If you are interested in doing some of you on radio astronomy it is well with in an amateurs means to detect the stronger of the radio sources, the Moon and of course the Sun.

Hope this is helpful.

Wes Atchison  
WA5TKU

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Date: 31 AUG 94 10:28:12  
From: pa.dec.com!nntp.lkg.dec.com!mrnews.mro.dec.com!est.enet.dec.com!  
randolph@decwrl.dec.com  
To: info-hams@ucsd.edu

References <33o1t7\$eaj@geraldo.cc.utexas.edu>, <33t35m\$skt@freenet3.scri.fsu.edu>, <33v5bn\$f0a@info.census.gov>d.lk  
Subject : Re: Ragchewing conversational protocol

In article <33v5bn\$f0a@info.census.gov>, kbarnes@info.census.gov (Kevin Barnes) writes...

>They feel that using a repeater for a "round table" or an  
>extended QSO defeats the original intent of having a repeater in the first  
>place, which was to extend the range of HTs and mobiles.

What about extended or round-table \*mobile\* QSOs? Very commonly done here in the Northeast as a way to kill time during the commute.

-Tom R. N100Q randolph@est.enet.dec.com

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Date: 31 Aug 1994 09:31:27 -0700  
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!lll-winken.llnl.gov!enews.sgi.com!  
wdl1!ltis.loral.com!galileo!hlb@network.ucsd.edu  
To: info-hams@ucsd.edu

References <dbasinge-2408941314480001@ds9.hper.indiana.edu>, <33ip31\$nhb@hp-col.col.hp.com>, <33t719\$mcl@sa-htn.sa-htn.valmet.com>h  
Subject : Re: Auto/Phone Patch

jeffr@sa-htn.valmet.com (Jeff Racz) writes:

>You still can't  
>can't call your office for messages, talk to your secretary or your boss,  
>or a client because that's how you earn your living. Of course, there are

What about calling the office to tell them you'll be late because your car broke down on the freeway. And you've already used the patch to call the automobile club for a tow.

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hlb@ltis.loral.com

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End of Info-Hams Digest V94 #982

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